

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
25 October 2001 (25.10.2001)

PCT

(10) International Publication Number
WO 01/79170 A2

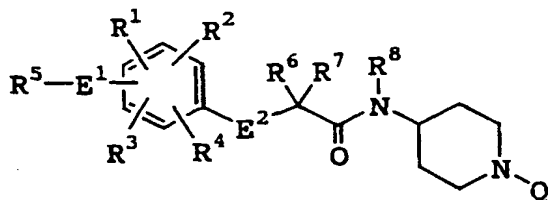
- (51) International Patent Classification⁷: C07D 211/00 617-0812 (JP). MURAYAMA, Norihito [JP/JP]; 9-5-507, Yamazaki 1-chome, Shimamoto-cho, Mishima-gun, Osaka 618-0001 (JP).
- (21) International Application Number: PCT/JP01/03198
- (22) International Filing Date: 13 April 2001 (13.04.2001) (74) Agent: KUSAMA, Osamu; KUSAMA PATENT OFFICE, 7F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).
- (25) Filing Language: English
- (26) Publication Language: English (81) Designated States (*national*): AU, CA, CN, HU, JP, KR, US.
- (30) Priority Data: 2000-112100 13 April 2000 (13.04.2000) JP (84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (71) Applicant (*for all designated States except US*): SUNTORY LIMITED [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): TAKEMOTO, Naohiro [JP/JP]; 4-5-305, Nishichujo-cho, Ibaraki-shi, Osaka 567-0887 (JP). ANNOURA, Hirokazu [JP/JP]; 16-8, Kitashinotani, Chohoji, Nagaokakyo-shi, Kyoto

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AMINOPHENOXYACETAMIDE DERIVATIVES AND PHARMACEUTICAL COMPOSITION CONTAINING THEREOF



(I)

(57) Abstract: There is provided an aminophenoxyacetamide derivative of the formula (I): wherein, R¹ to R⁴ are, independent from each other, hydrogen atom; optionally substituted alkyl group; E¹ is -NR⁴ and E² is oxygen atom or -NR¹⁰; Q is group -X-Y-Q' (X and Y are connecting bond; X is alkylene or alkenylene group, etc.; Y is selected from the groups consisting of C=O, NHC(=O), C(=O)NH, etc.; Q' is hydrogen atom or phenyl, pyridyl groups which

may be substituted, etc.), or a pharmaceutically acceptable salt thereof. These compounds have neuroprotective effect by introducing the CalbindinD-28k, one of Ca²⁺-binding proteins.11